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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20221

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

04/24/2003

JAMES F. HALEY, JR., ESQ. C/O FISH & NEAVE 1251 AVE. OF THE AMERICAS-50TH FLOOR NEW YORK, NY 10020

| EXA | MINER | | | |
|---------------------------|----------------|--|--|--|
| WEHBE, ANNE MARIE SABRINA | | | | |
| ART UNIT | CLASS-SUBCLASS | | | |
| 1632 | 800-018000 | | | |

DATE MAILED: 04/24/2003

| | APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----|-----------------|-------------|----------------------|---------------------|------------------|
| . – | 08/031,801 | 03/15/1993 | RAJU KUCHERLAPATI | A-CELL-4.4-U | 1945 |

TITLE OF INVENTION: GENERATION OF XENOGENEIC ANTIBODIES

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|----------------|--------------|-----------|--|------------------|------------|
| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
| nonprovisional | YES | \$650 | \$0 | \$650 | 07/24/2003 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED.</u> THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

 Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



Complete and send this form, together with applicable fee(s), to: Mail Box ISSUE FEE

Commissioner for Patents Washington, D.C. 20231 (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee reinfections. maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block T)

04/24/2003

JAMES F. HALEY, JR., ESQ. C/O FISH & NEAVE 1251 AVE. OF THE AMERICAS-50TH FLOOR NEW YORK, NY 10020

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

| (Depositor's name |
|-------------------|
| (Signature |
| (Date |
| |

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| TILE OF INVENTION: GENERATION OF XENOGENEIC ANTIBODIES | | | | | | |

APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE \$650 YES 07/24/2003 nonprovisional \$0 \$650 **EXAMINER** ART UNIT CLASS-SUBCLASS WEHBE, ANNE MARIE SABRINA 1632 800-018000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. single firm (having as a member a registered attorney or agent) and the names of up to 2 U "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer registered patent attorneys or agents. If no name is listed, no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Number is required.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

| Please check the appropriate assignee category or cat | egories (will not be printed on the patent) | 山 individual | ☐ corporation or other private group enti- | ty 🚨 government |
|--|---|---------------------|---|-----------------|
| 4a. The following fee(s) are enclosed: | 4b. Payment of Fee(s): | | | , |
| ☐ Issue Fee | ☐ A check in the amount | of the fee(s) is er | closed. | |
| ☐ Publication Fee | ☐ Payment by credit card | l. Form PTO-203 | 3 is attached. | |
| ☐ Advance Order - # of Copies | The Commissioner is because the Deposit Account Number | ereby authorized | by charge the required fee(s), or credit any (enclose an extra copy of this form). | overpayment, to |
| Commissioner for Patents is requested to apply the Is | sue Fee and Publication Fee (if any) or to re- | apply any previo | usly paid issue fee to the application identi | ified above. |
| (Authorized Signature) NOTE; The Issue Fee and Publication Fee (if recother than the applicant; a registered attorney or interest as shown by the records of the United State This collection of information is required by 37 Cobtain or retain a benefit by the public which is application. Confidentiality is governed by 35 U.s. estimated to take 12 minutes to complete, includin completed application form to the USPTO. Time case. Any comments on the amount of time youngestions for reducing this burden, should be supatent and Trademark Office, U.S. Department of NOT SEND FEES OR COMPLETED FORM. Commissioner for Patents, Washington, DC 20231. | agent; or the assignee or other party in s Patent and Trademark Office. FR 1.311. The information is required to o file (and by the USPTO to process) an C. 122 and 37 CFR 1.14. This collection is g gathering, preparing, and submitting the will vary depending upon the individual ou require to complete this form and/orent to the Chief Information Officer, U.S. Commerce, Washington, D.C. 20231. DO 18 TO THIS ADDRESS. SEND TO: | | | |
| Under the Paperwork Reduction Act of 1995, a | no persons are required to respond to a | • | | |



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| 08/031,801 | 03/15/1993 | RAJU KUCHERLAPATI | A-CELL-4.4-U | 1945 |
| 7 | 590 04/24/2003 | | EXAMIN | ER |
| JAMES F. HALEY,JR.,ESQ. | | | WEHBE, ANNE MARIE SABRINA | |
| C/O FISH & NEA 1251 AVE. OF TH | VE IE AMERICAS-50TH | FLOOR | ART UNIT | PAPER NUMBER |
| NEW YORK, NY | 10020 | | 1632 | |
| | | | DATE MAILED: 04/24/2003 | |

Determination of Patent Term Extension or Adjustment under 35 U.S.C. 154 (b) (application filed prior to June 8, 1995)

This patent application was filed prior to June 8, 1995, thus no Patent Term Extension or Adjustment applies.

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.



UNITED STATES PATENT AND TRADEMARK OFFICE

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| 7 | 590 04/24/2003 | | EXAMINER | |
| JAMES F. HALEY,JR.,ESQ. | | | WEHBE, ANNE MARIE SABRINA | |
| C/O FISH & NEA 1251 AVE. OF TH | VE IE AMERICAS-50TH | FLOOR | ART UNIT | PAPER NUMBER |
| NEW YORK, NY | 10020 | | 1632 | |
| | | DAT | E MAILED: 04/24/2003 | |

Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: http://www.uspto.gov/main/howtofees.htm.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

Notice of Allowability

Application No. 08/031,801

Applicant(s)

Kucherlapati et al.

Examiner

Anne Marie Wehbé

Art Unit

1632



--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. X This communication is responsive to amendment filed on 1/10/03 2. X The allowed claim(s) is/are 83-85 3. The drawings filed on are accepted by the Examiner. 4. Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d). a) 🗌 All b) Some* c) None of the: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). *Certified copies not received: 5. Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). (a) The translation of the foreign language provisional application has been received. 6. Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 7. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. 8. X CORRECTED DRAWINGS must be submitted. (a) X including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) \square hereto or 2) \boxtimes to Paper No. 11 . (b) including changes required by the proposed drawing correction filed , which has been approved by the examiner. (c) including changes required by the attached Examiner's Amendment/Comment or in the Office action of Paper No. . Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson. 9. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Attachment(s) 1 Notice of References Cited (PTO-892) 2 Notice of Informal Patent Application (PTO-152) 3 Notice of Draftsperson's Patent Drawing Review (PTO-948) 4 Interview Summary (PTO-413), Paper No. _____. 5 Information Disclosure Statement(s) (PTO-1449), Paper No(s). 6 Examiner's Amendment/Comment

> ANNE MARIE WEHBÉ PRIMARY EXAMINER ART UNIT 1632

Material

9 Other

Examiner's Comment Regarding Requirement for Deposit of Biological

8 Examiner's Statement of Reasons for Allowance